



MacAlpine

PATENT
Docket No. 273012011200

DECLARATION FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **IMPROVED β , β -DIHYDROXY MESO-SUBSTITUTED CHLORINS, ISOBACTERIOCHLORINS, AND BACTERIOCHLORINS**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on April 14, 2000 as United States Application Serial No. 09/551,159 and was amended on _____ (if applicable).

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
60/129,324	04/14/99

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to

patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Sanjay S. Bagade (Reg No. 42,280)	Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)	Frank P. Becking (Reg No. 42,309)
Kimberly A. Bolin (Reg No. 44,546)	Timothy J. Bortree (Reg No. 43,506)
Barry E. Bretschneider (Reg No. 28,055)	Tyler S. Brown (Reg No. 36,465)
Nicholas Buffinger (Reg No. 39,124)	Jingming Cai (Reg No. P-44,579)
Mark R. Carter (Reg No. 39,131)	Robert K. Cerpa (Reg No. 39,933)
Peng Cheng (Reg No. 43,543)	Thomas Chuang (Reg No. P-44,616)
Thomas E. Ciotti (Reg No. 21,013)	Steven X. Cui (Reg No. 44,637)
Matthew M. D'Amore (Reg No. 42,457)	Raj S. Davé (Reg No. 42,465)
Stephen C. Durant (Reg No. 31,506)	Carolyn A. Favorito (Reg No. 39,183)
Hector Gallegos (Reg No. 40,614)	Debra J. Glaister (Reg No. 33,888)
Kenneth R. Glick (Reg No. 28,612)	Franklin Y. Han (Reg No. 41,055)
Charles D. Holland (Reg No. 35,196)	Peter Hsieh (Reg No. P-44,780)
Madeline I. Johnston (Reg No. 36,174)	Richard D. Jordan (Reg No. 33,519)
Ararat Kapouytian (Reg No. 40,044)	Kawai Lau (Reg No. 44,461)
Elaine K. Lee (Reg No. 41,936)	Richard H. Lilley (Reg No. 42,803)
David C. Lundmark (Reg No. 42,815)	Thomas D. Mays (Reg No. 34,524)
Gladys H. Monroy (Reg No. 32,430)	Philip A. Morin (Reg No. P-45,926)
Kate H. Murashige (Reg No. 29,959)	Catherine M. Polizzi (Reg No. 40,130)
William C. Revelos (Reg No. 42,101)	Paul J. Riley (Reg No. 38,596)
Robert Saltzberg (Reg No. 36,910)	Debra A. Shetka (Reg No. 33,309)
Kevin R. Spivak (Reg No. 43,148)	E. Thomas Wheelock (Reg No. 28,825)
Thomas G. Wiseman (Reg No. 35,046)	Frank Wu (Reg No. 41,386)
Karen R. Zachow (Reg No. 46,332)	

and:

Please direct all communications to:

Kawai Lau
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888

Please direct all telephone calls to Kawai Lau at (202) 887-6939.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

June 21/00
Date

Jill MacAlpine
Name: Jill Kirsten MacALPINE
Residence: Alexandria, VA 22314
Citizenship: Canadian
Post Office Address: #201-106 Roberts Lane, Alexandria, VA 22314

Date

Name: Christian Brückner
Residence: Storrs, CT
Citizenship: German
Post Office Address:

Date

Name: David DOLPHIN
Residence: Vancouver, BC V6R 2R2
Citizenship: Canadian
Post Office Address: 4464 West 12th Avenue, Vancouver, BC V6R 2R2



Dolph

PATENT
Docket No. 273012011200

DECLARATION FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **IMPROVED β,β' -DIHYDROXY MESO-SUBSTITUTED CHLORINS, ISOBACTERIOCHLORINS, AND BACTERIOCHLORINS**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on April 14, 2000 as United States Application Serial No. 09/551,159 and was amended on _____ (if applicable).

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
60/129,324	04/14/99

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to

patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Sanjay S. Bagade (Reg No. 42,280)	Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)	Frank P. Becking (Reg No. 42,309)
Kimberly A. Bolin (Reg No. 44,546)	Timothy J. Bortree (Reg No. 43,506)
Barry E. Bretschneider (Reg No. 28,055)	Tyler S. Brown (Reg No. 36,465)
Nicholas Buffinger (Reg No. 39,124)	Jingming Cai (Reg No. P-44,579)
Mark R. Carter (Reg No. 39,131)	Robert K. Cerpa (Reg No. 39,933)
Peng Cheng (Reg No. 43,543)	Thomas Chuang (Reg No. P-44,616)
Thomas E. Ciotti (Reg No. 21,013)	Steven X. Cui (Reg No. 44,637)
Matthew M. D'Amore (Reg No. 42,457)	Raj S. Davé (Reg No. 42,465)
Stephen C. Durant (Reg No. 31,506)	Carolyn A. Favorito (Reg No. 39,183)
Hector Gallegos (Reg No. 40,614)	Debra J. Glaister (Reg No. 33,888)
Kenneth R. Glick (Reg No. 28,612)	Franklin Y. Han (Reg No. 41,055)
Charles D. Holland (Reg No. 35,196)	Peter Hsieh (Reg No. P-44,780)
Madeline I. Johnston (Reg No. 36,174)	Richard D. Jordan (Reg No. 33,519)
Ararat Kapouytian (Reg No. 40,044)	Kawai Lau (Reg No. 44,461)
Elaine K. Lee (Reg No. 41,936)	Richard H. Lilley (Reg No. 42,803)
David C. Lundmark (Reg No. 42,815)	Thomas D. Mays (Reg No. 34,524)
Gladys H. Monroy (Reg No. 32,430)	Philip A. Morin (Reg No. P-45,926)
Kate H. Murashige (Reg No. 29,959)	Catherine M. Polizzi (Reg No. 40,130)
William C. Revelos (Reg No. 42,101)	Paul J. Riley (Reg No. 38,596)
Robert Saltzberg (Reg No. 36,910)	Debra A. Shetka (Reg No. 33,309)
Kevin R. Spivak (Reg No. 43,148)	E. Thomas Wheelock (Reg No. 28,825)
Thomas G. Wiseman (Reg No. 35,046)	Frank Wu (Reg No. 41,386)
Karen R. Zachow (Reg No. 46,332)	

and:

Please direct all communications to:

Kawai Lau
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888

Please direct all telephone calls to Kawai Lau at (202) 887-6939.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date	Name:	Jill Kirsten MacALPINE
	Residence:	Alexandria, VA 22314
	Citizenship:	Canadian
	Post Office Address:	#106-201 Roberts Lane, Alexandria, VA 22314

Date	Name:	Christian Brückner
	Residence:	Storrs, CT
	Citizenship:	German
	Post Office Address:	

Date	Name:	David DOLPHIN
July 26 2000	Residence:	Vancouver, BC V6R 2R2
	Citizenship:	Canadian
	Post Office Address:	4464 West 12th Avenue, Vancouver, BC V6R 2R2



PATENT
Docket No. 273012011200

DECLARATION FOR UTILITY PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **IMPROVED β , β' -DIHYDROXY MESO-SUBSTITUTED CHLORINS, ISOBACTERIOCHLORINS, AND BACTERIOCHLORINS**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on April 14, 2000 as United States Application Serial No. 09/551,159 and was amended on _____ (if applicable).

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
60/129,324	04/14/99

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to

patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Sanjay S. Bagade (Reg No. 42,280)	Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)	Frank P. Becking (Reg No. 42,309)
Kimberly A. Bolin (Reg No. 44,546)	Timothy J. Bortree (Reg No. 43,506)
Barry E. Bretschneider (Reg No. 28,055)	Tyler S. Brown (Reg No. 36,465)
Nicholas Buffinger (Reg No. 39,124)	Jingming Cai (Reg No. P-44,579)
Mark R. Carter (Reg No. 39,131)	Robert K. Cerpa (Reg No. 39,933)
Peng Cheng (Reg No. 43,543)	Thomas Chuang (Reg No. P-44,616)
Thomas E. Ciotti (Reg No. 21,013)	Steven X. Cui (Reg No. 44,637)
Matthew M. D'Amore (Reg No. 42,457)	Raj S. Davé (Reg No. 42,465)
Stephen C. Durant (Reg No. 31,506)	Carolyn A. Favorito (Reg No. 39,183)
Hector Gallegos (Reg No. 40,614)	Debra J. Glaister (Reg No. 33,888)
Kenneth R. Glick (Reg No. 28,612)	Franklin Y. Han (Reg No. 41,055)
Charles D. Holland (Reg No. 35,196)	Peter Hsieh (Reg No. P-44,780)
Madeline I. Johnston (Reg No. 36,174)	Richard D. Jordan (Reg No. 33,519)
Ararat Kapouytian (Reg No. 40,044)	Kawai Lau (Reg No. 44,461)
Elaine K. Lee (Reg No. 41,936)	Richard H. Lilley (Reg No. 42,803)
David C. Lundmark (Reg No. 42,815)	Thomas D. Mays (Reg No. 34,524)
Gladys H. Monroy (Reg No. 32,430)	Philip A. Morin (Reg No. P-45,926)
Kate H. Murashige (Reg No. 29,959)	Catherine M. Polizzi (Reg No. 40,130)
William C. Revelos (Reg No. 42,101)	Paul J. Riley (Reg No. 38,596)
Robert Saltzberg (Reg No. 36,910)	Debra A. Shetka (Reg No. 33,309)
Kevin R. Spivak (Reg No. 43,148)	E. Thomas Wheelock (Reg No. 28,825)
Thomas G. Wiseman (Reg No. 35,046)	Frank Wu (Reg No. 41,386)
Karen R. Zachow (Reg No. 46,332)	

and:

Please direct all communications to:

Kawai Lau
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888

Please direct all telephone calls to Kawai Lau at (202) 887-6939.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date _____
Name: Jill Kirsten MacALPINE
Residence: Alexandria, VA 22314
Citizenship: Canadian
Post Office Address: #106-201 Roberts Lane, Alexandria, VA 22314

6/18/00
Date

Christian Brückner
Name: Christian Brückner
Residence: Storr, CT
Citizenship: German
Post Office Address: Department of Chemistry, U-60
University of Connecticut
Storr, CT 06269-3060, U.S.A.

Date _____
Name: David DOLPHIN
Residence: Vancouver, BC V6R 2R2
Citizenship: Canadian
Post Office Address: 4464 West 12th Avenue, Vancouver, BC V6R 2R2